

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A power amplifier comprising:

a first amplifier element configured to amplify a first input signal of a first frequency, the first amplifier element including a first input terminal which receives the first input signal, and a first output terminal which outputs a first output signal obtained by amplifying the first input signal;

a second amplifier element configured to amplify a second input signal of a second frequency, the second amplifier element including a second input terminal which receives the second input signal, and a second output terminal which outputs a signal obtained by amplifying the second input signal;

a power supply input terminal connected to a direct-current power supply;

a common power supply path including an end connected to the power supply input terminal, and another end;

a first individual power supply path including an end connected to the another end of the common power supply path, and another end connected to the first output terminal, the first individual power supply path having a first impedance;

a second individual power supply path including an end connected to the another end of the common power supply path, and another end connected to the second output terminal, the second individual power supply path having a second impedance; and

a multilayer wiring board comprising a first layer provided with the first amplifier element and the second amplifier element, and a second layer provided with the common

power supply path and the first individual power supply path and the second individual power supply path.

2. (Canceled).

3. (Canceled).

4. (Canceled).

5. (Canceled).

6. (Canceled).

7. (Currently Amended) A power amplifier comprising:

a first amplifier element configured to amplify a first input signal of a first frequency, the first amplifier element including a first input terminal which receives the first input signal, and a first output terminal which outputs a first output signal obtained by amplifying the first input signal;

a second amplifier element configured to amplify a second input signal of a second frequency, the second amplifier element including a second input terminal which receives the second input signal, and a second output terminal which outputs a signal obtained by amplifying the second input signal;

a power supply input terminal connected to a direct-current power supply;

a common power supply path including an end connected to the power supply input terminal, and another end;

a first individual power supply path including an end connected to the another end of the common power supply path, and another end connected to the first output terminal, the first individual power supply path having a first impedance;

a second individual power supply path including an end connected to the another end of the common power supply path, and another end connected to the second output terminal, the second individual power supply path having a second impedance;

a first output matching circuit connected to the first output terminal of the first amplifier element;

a second output matching circuit connected to the second output terminal of the second amplifier element; and

a multilayer wiring board including a first layer provided with the first amplifier element and the second amplifier element, and a second layer provided with the common power supply path and the first individual power supply path and the second individual power supply path.

8. (canceled).

9. (canceled).

10. (canceled).

11. (canceled).

12. (canceled).

13. (canceled).

14. (canceled).

15. (Currently Amended) A radio communication device which performs data reception and transmission using one frequency band selected from a plurality of frequency bands, comprising:

a transmission signal generator which generates a transmission signal of the one frequency band; and

the power amplifier according to claim 1, the power amplifier receiving the transmission signal as an input signal.

16. (Original) A radio communication device which performs data reception and transmission using one frequency band selected from a plurality of frequency bands, comprising:

a transmission signal generator which generates a transmission signal of the one frequency band; and

the power amplifier according to claim 7, the power amplifier receiving the transmission signal as an input signal.